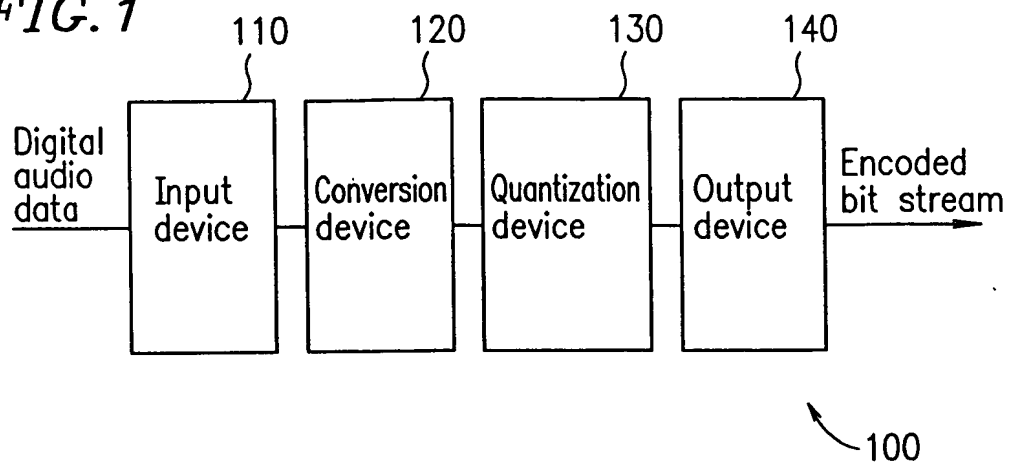


FIG. 1

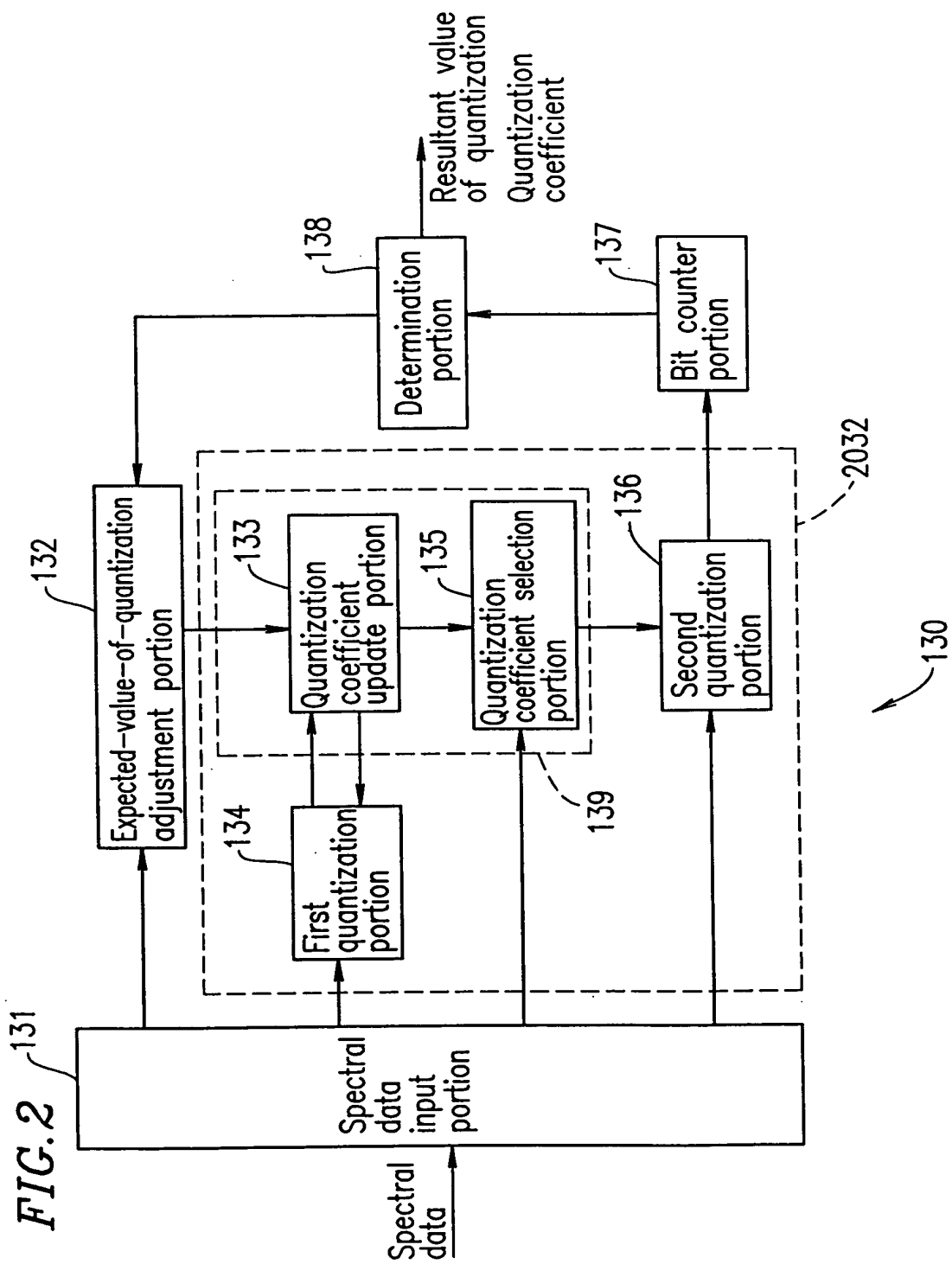


FIG. 3

| mdct_line | SCALEFACTOR | xQuant | inv mdct_line |
|-----------|-------------|--------|---------------|
| 100 | -8 | 11 | 97.85512399 |
| 100 | -9 | 10 | 102.4827625 |
| 100 | -10 | 9 | 105.9005791 |
| 100 | -11 | 7 | 90.08031056 |
| 100 | -12 | 7 | 107.1241462 |
| 100 | -13 | 6 | 103.7247714 |
| 100 | -14 | 5 | 96.730847 |
| 100 | -15 | 4 | 85.42975067 |
| 100 | -16 | 4 | 101.5936673 |
| 100 | -17 | 3 | 82.32640563 |
| 100 | -18 | 3 | 97.90314733 |
| 100 | -19 | 3 | 116.4271194 |
| 100 | -20 | 2 | 80.63494719 |
| 100 | -21 | 2 | 95.89165292 |
| 100 | -22 | 2 | 114.0350359 |
| 100 | -23 | 1 | 53.81737058 |
| 100 | -24 | 1 | 64 |
| 100 | -25 | 1 | 76.10925536 |
| 100 | -26 | 1 | 90.50966799 |
| 100 | -27 | 1 | 107.6347412 |
| 100 | -28 | 1 | 128 |
| 100 | -29 | 1 | 152.2185107 |
| 100 | -30 | 1 | 181.019336 |
| 100 | -31 | 0 | 0 |

FIG. 3

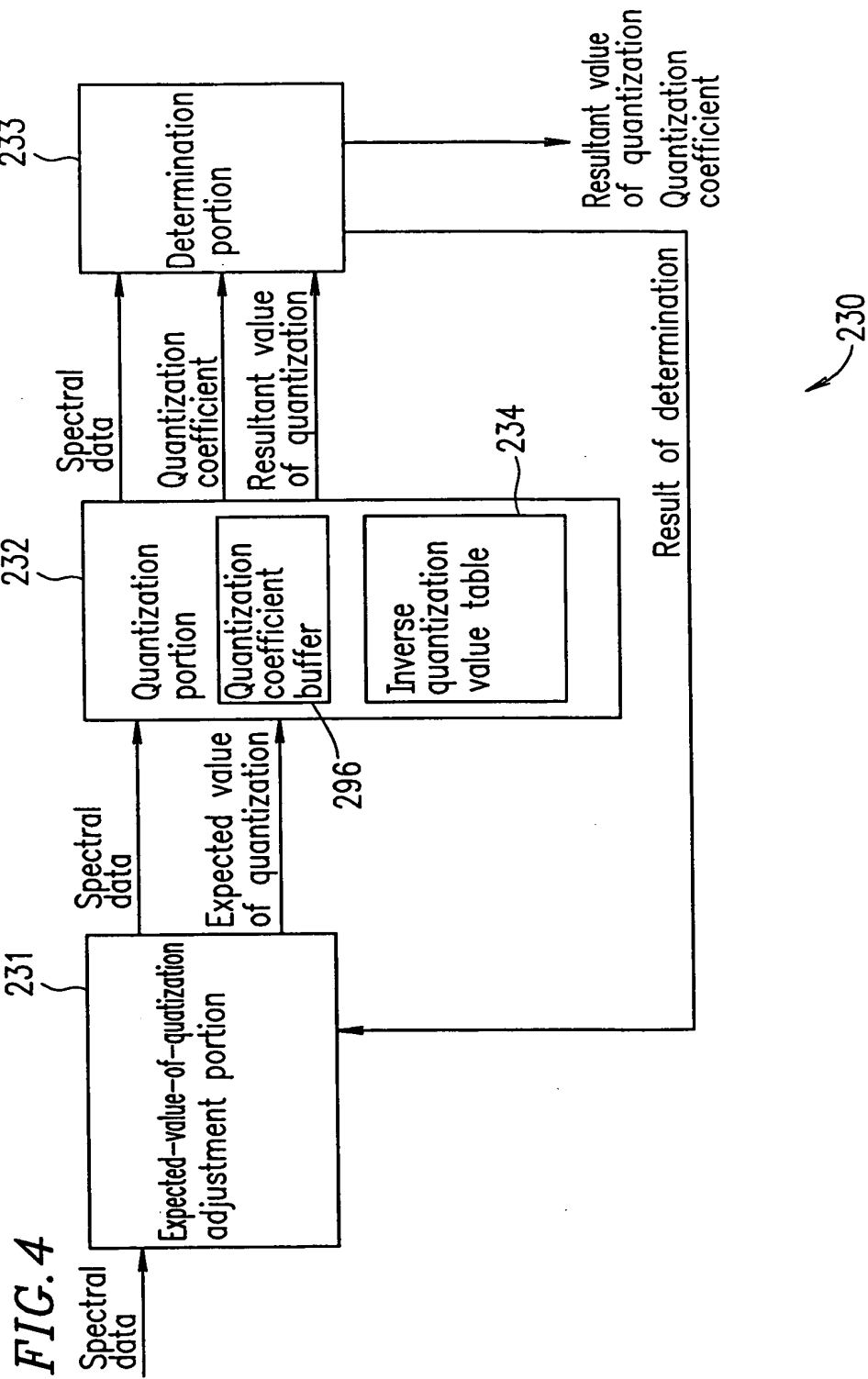


FIG. 5A

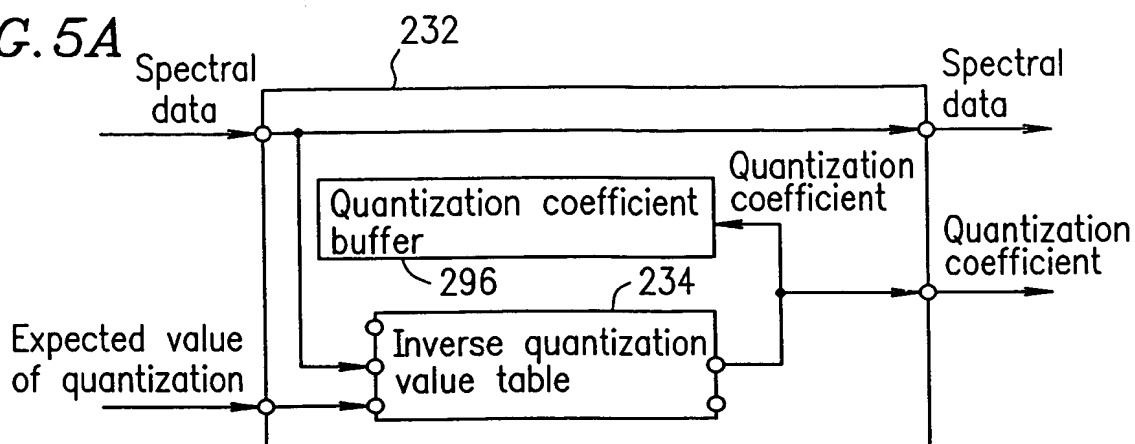


FIG. 5B

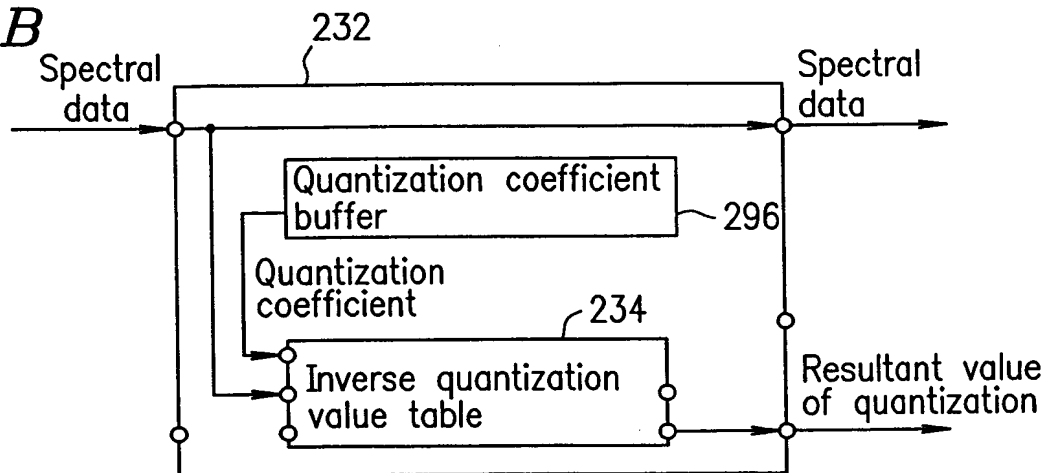


FIG. 5C

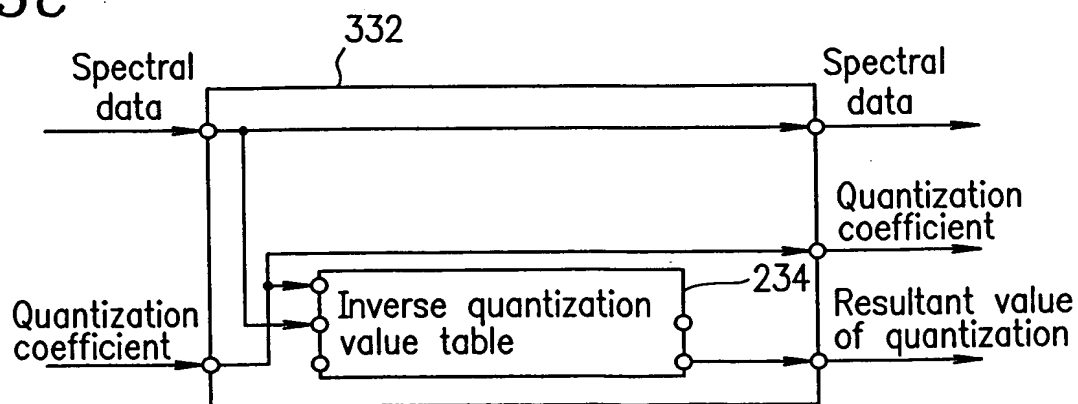


FIG. 6

xQuant=1

234a

802

| SCALEFACTOR | inv_mdct_line |
|-------------|---------------|
| 0 | 1.00 |
| -1 | 1.19 |
| -2 | 1.41 |
| -3 | 1.68 |
| -4 | 2.00 |
| -5 | 2.38 |
| -6 | 2.83 |
| -7 | 3.36 |
| -8 | 4.00 |
| -9 | 4.76 |
| -10 | 5.66 |
| -11 | 6.73 |
| -12 | 8.00 |
| -13 | 9.51 |
| -14 | 11.31 |
| -15 | 13.45 |
| -16 | 16.00 |
| -17 | 19.03 |
| -18 | 22.63 |
| -19 | 26.91 |
| -20 | 32.00 |
| -21 | 38.05 |
| -22 | 45.25 |
| -23 | 53.82 |
| -24 | 64.00 |
| -25 | 76.11 |
| -26 | 90.51 |
| -27 | 107.63 |
| -28 | 128.00 |
| -29 | 152.22 |
| -30 | 181.02 |
| -31 | 215.27 |
| -32 | 256.00 |

801

| SCALEFACTOR | inv_mdct_line |
|-------------|---------------|
| -33 | 304.44 |
| -34 | 362.04 |
| -35 | 430.54 |
| -36 | 512.00 |
| -37 | 608.87 |
| -38 | 724.08 |
| -39 | 861.08 |
| -40 | 1024.00 |
| -41 | 1217.75 |
| -42 | 1448.15 |
| -43 | 1722.16 |
| -44 | 2048.00 |
| -45 | 2435.50 |
| -46 | 2896.31 |
| -47 | 3444.31 |
| -48 | 4096.00 |
| -49 | 4870.99 |
| -50 | 5792.62 |
| -51 | 6888.62 |
| -52 | 8192.00 |
| -53 | 9741.98 |
| -54 | 11585.24 |
| -55 | 13777.25 |
| -56 | 16384.00 |
| -57 | 19483.97 |
| -58 | 23170.48 |
| -59 | 27554.49 |
| -60 | 32768.00 |
| -61 | 38967.94 |
| -62 | 46340.95 |
| -63 | 55108.99 |
| -64 | 65536.00 |
| -65 | 77935.88 |

FIG. 7

SCALEFACTOR=0

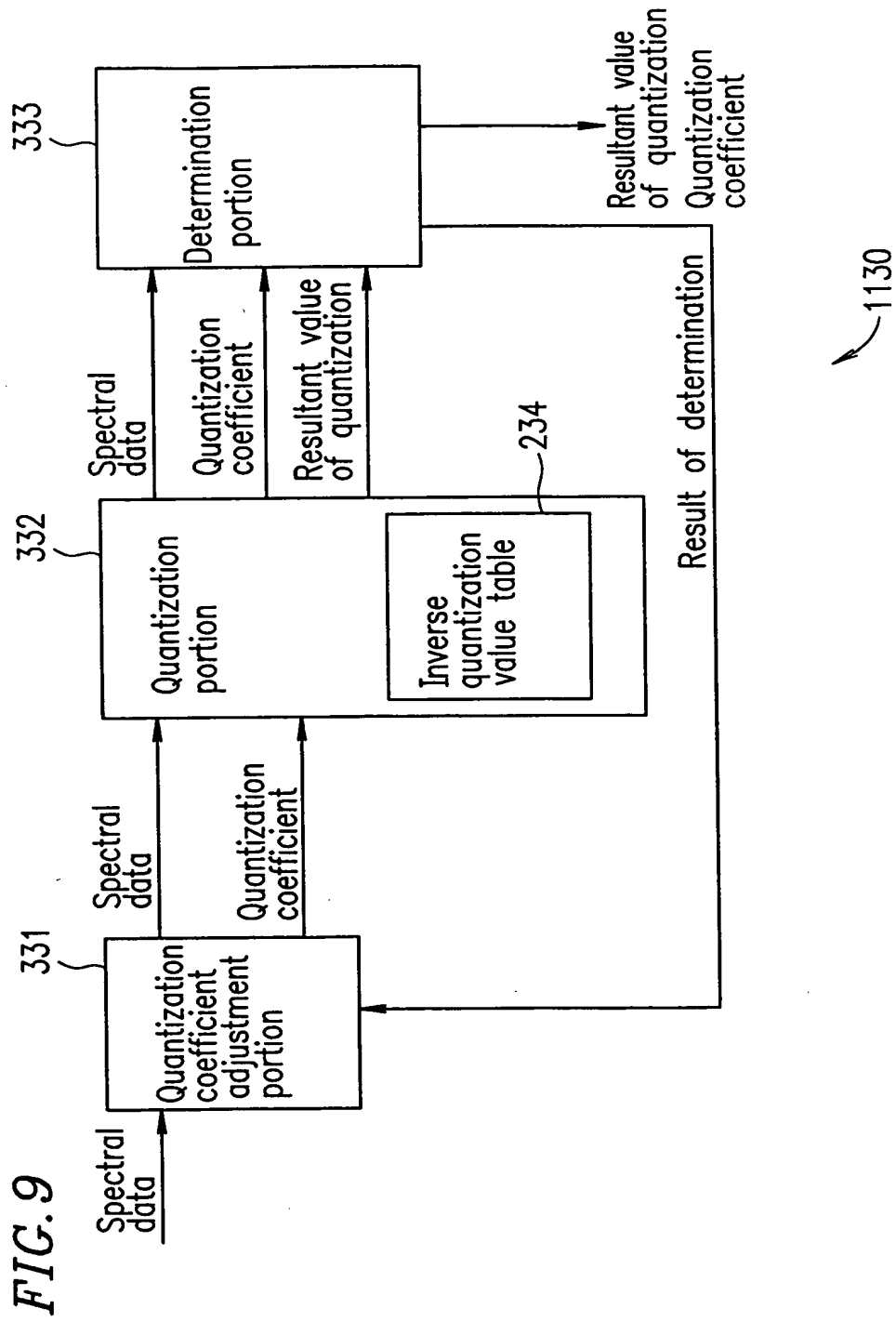
234b

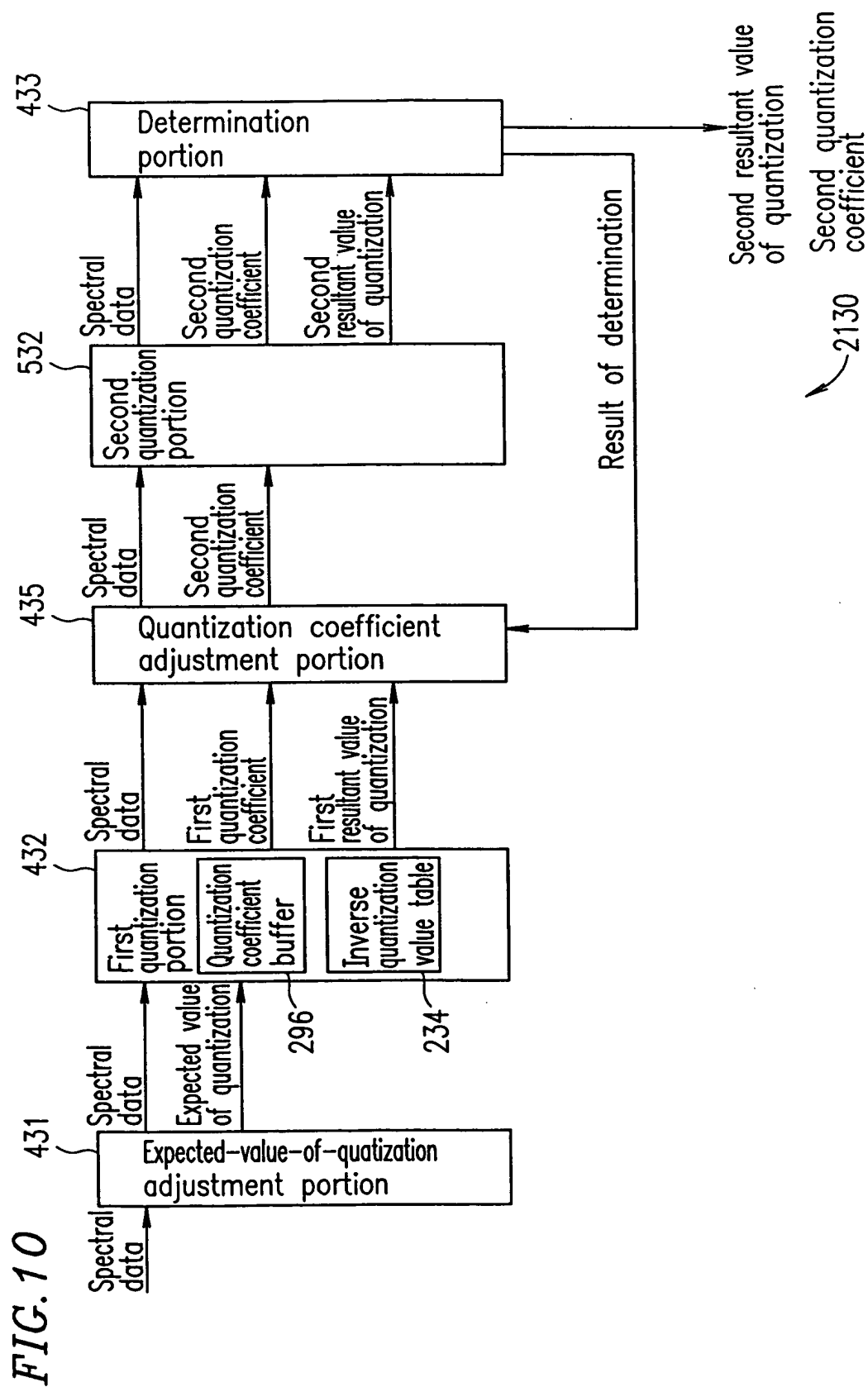
| 901 | xQuant | inv_mdct_line | xQuant | inv_mdct_line |
|-----|--------|---------------|--------|---------------|
| 902 | 1 | 1.00 | 33 | 105.85 |
| | 2 | 2.52 | 34 | 110.15 |
| | 3 | 4.33 | 35 | 114.49 |
| | 4 | 6.35 | 36 | 118.87 |
| 906 | 5 | 8.55 | 37 | 123.29 |
| 903 | 6 | 10.90 | 38 | 127.76 |
| 904 | 7 | 13.39 | 39 | 132.26 |
| | 8 | 16.00 | 40 | 136.80 |
| | 9 | 18.72 | 41 | 141.38 |
| 905 | 10 | 21.54 | 42 | 145.99 |
| | 11 | 24.46 | 43 | 150.65 |
| | 12 | 27.47 | 44 | 155.34 |
| | 13 | 30.57 | 45 | 160.06 |
| | 14 | 33.74 | 46 | 164.82 |
| | 15 | 36.99 | 47 | 169.61 |
| | 16 | 40.32 | 48 | 174.44 |
| | 17 | 43.71 | 49 | 179.31 |
| | 18 | 47.17 | 50 | 184.20 |
| | 19 | 50.70 | 51 | 189.13 |
| | 20 | 54.29 | 52 | 194.09 |
| | 21 | 57.94 | 53 | 199.08 |
| | 22 | 61.64 | 54 | 204.11 |
| | 23 | 65.41 | 55 | 209.16 |
| | 24 | 69.23 | 56 | 214.25 |
| | 25 | 73.10 | 57 | 219.36 |
| | 26 | 77.02 | | |
| | 27 | 81.00 | | |
| | 28 | 85.02 | 8187 | 165005.99 |
| | 29 | 89.10 | 8188 | 165032.87 |
| | 30 | 93.22 | 8189 | 165059.74 |
| | 31 | 97.38 | 8190 | 165086.62 |
| | 32 | 101.59 | 8191 | 165113.49 |

FIG. 8

234b'

| xQuant | inv_mdct_line (Inverse) | xQuant | inv_mdct_line (Inverse) |
|--------|----------------------------|--------|----------------------------|
| 1 | 1.00000000 | 33 | 0.00944745 |
| 2 | 0.39685026 | 34 | 0.00907879 |
| 3 | 0.23112042 | 35 | 0.00873459 |
| 4 | 0.15749013 | 36 | 0.00841260 |
| 5 | 0.11696071 | 37 | 0.00811081 |
| 6 | 0.09172020 | 38 | 0.00782748 |
| 7 | 0.07467971 | 39 | 0.00756102 |
| 8 | 0.06250000 | 40 | 0.00731004 |
| 9 | 0.05341665 | 41 | 0.00707329 |
| 10 | 0.04641589 | 42 | 0.00684964 |
| 11 | 0.04087676 | 43 | 0.00663807 |
| 12 | 0.03639919 | 44 | 0.00643769 |
| 13 | 0.03271464 | 45 | 0.00624765 |
| 14 | 0.02963666 | 46 | 0.00606722 |
| 15 | 0.02703201 | 47 | 0.00589571 |
| 16 | 0.02480314 | 48 | 0.00573251 |
| 17 | 0.02287712 | 49 | 0.00557706 |
| 18 | 0.02119841 | 50 | 0.00542884 |
| 19 | 0.01972401 | 51 | 0.00528737 |
| 20 | 0.01842016 | 52 | 0.00515223 |
| 21 | 0.01726001 | 53 | 0.00502303 |
| 22 | 0.01622195 | 54 | 0.00489939 |
| 23 | 0.01528843 | 55 | 0.00478097 |
| 24 | 0.01444503 | 56 | 0.00466748 |
| 25 | 0.01367981 | 57 | 0.00455862 |
| 26 | 0.01298282 | | |
| 27 | 0.01234568 | | |
| 28 | 0.01176132 | 8187 | 0.00000606 |
| 29 | 0.01122370 | 8188 | 0.00000606 |
| 30 | 0.01072766 | 8189 | 0.00000606 |
| 31 | 0.01026875 | 8190 | 0.00000606 |
| 32 | 0.00984313 | 8191 | 0.00000606 |





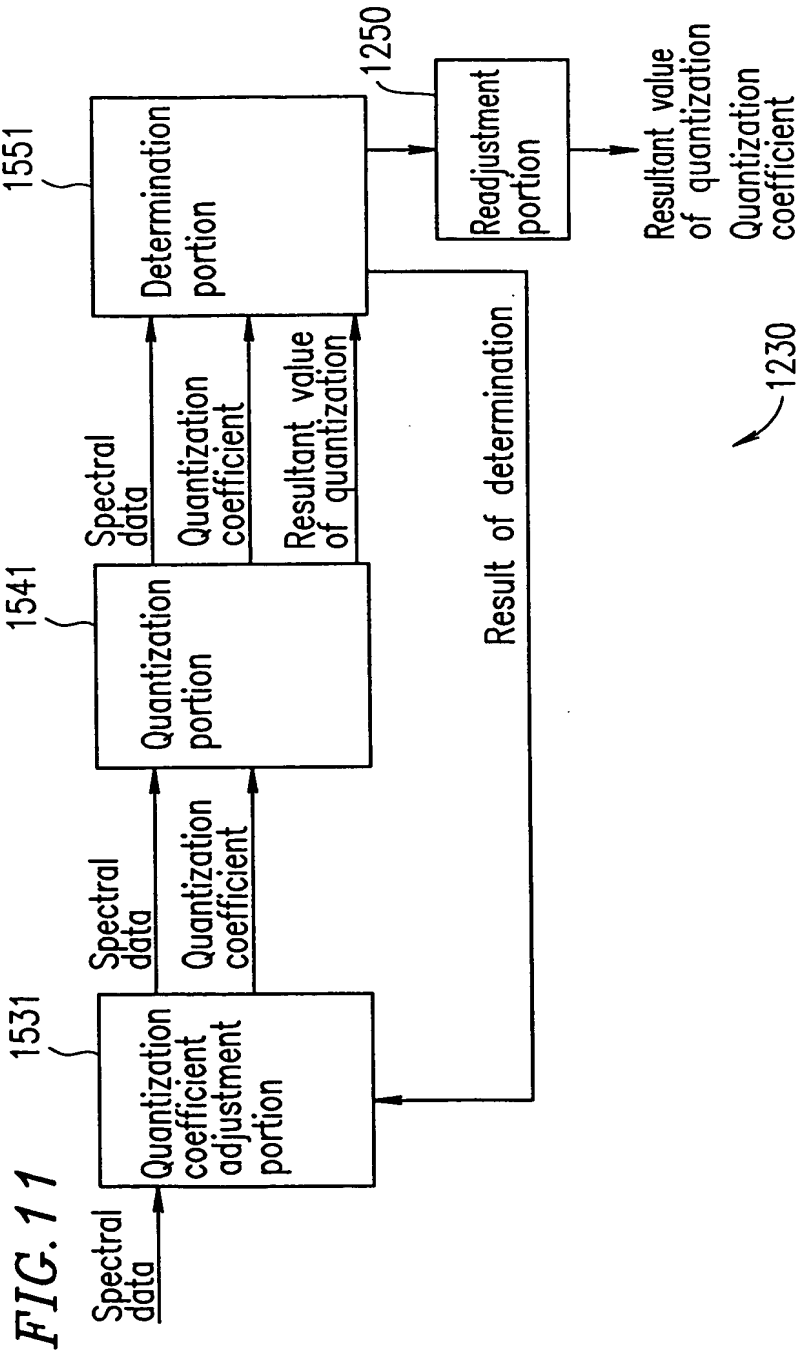


FIG. 12

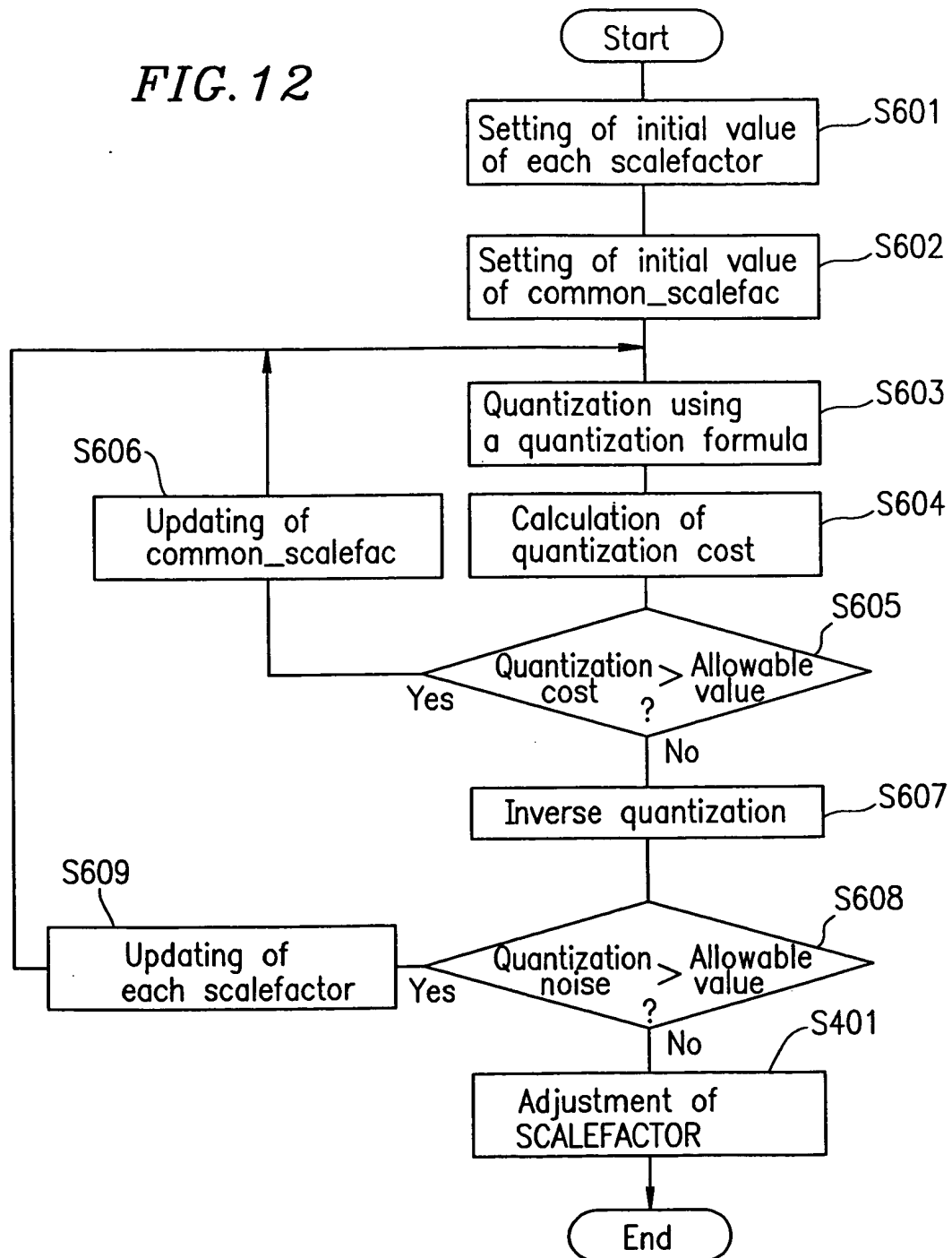


FIG. 13

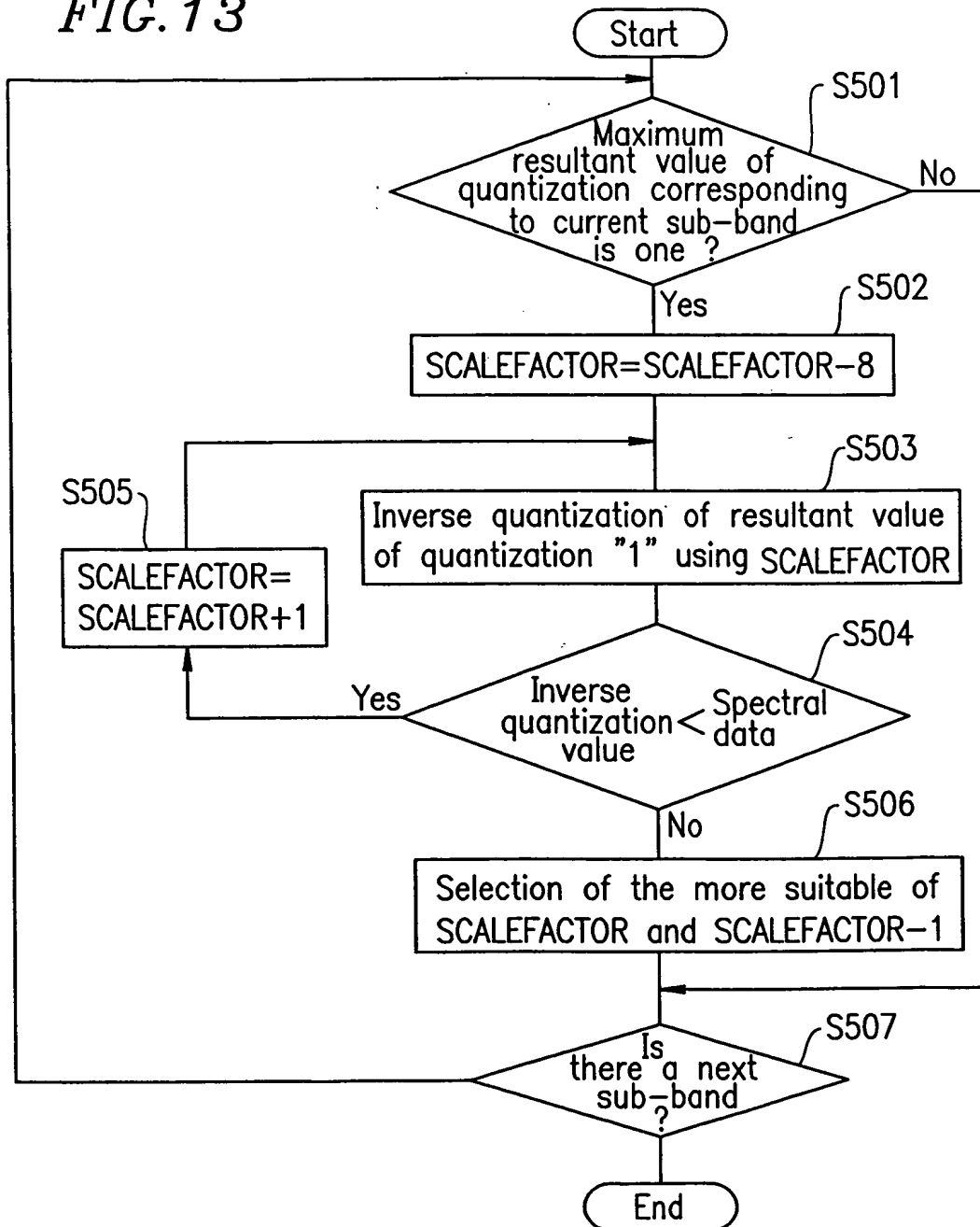


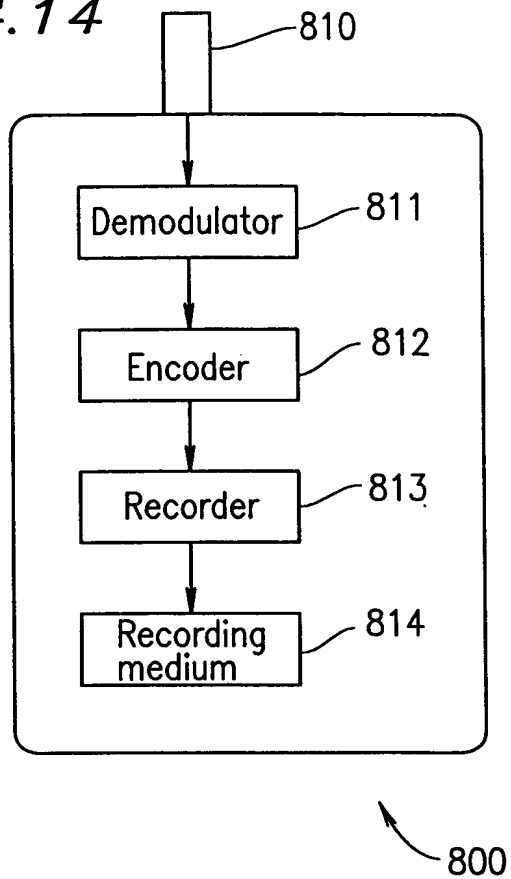
FIG. 14

FIG. 15

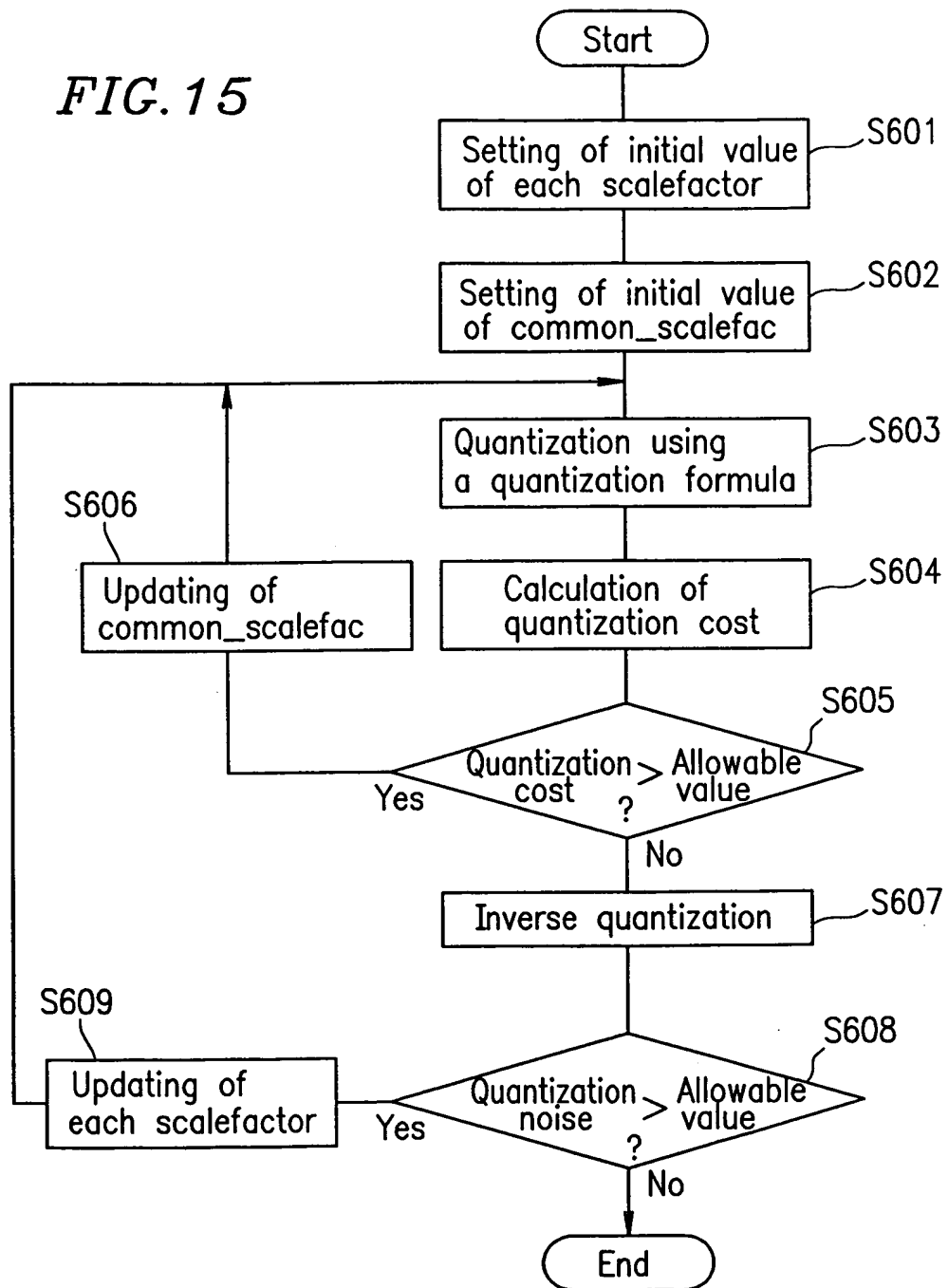


FIG. 16

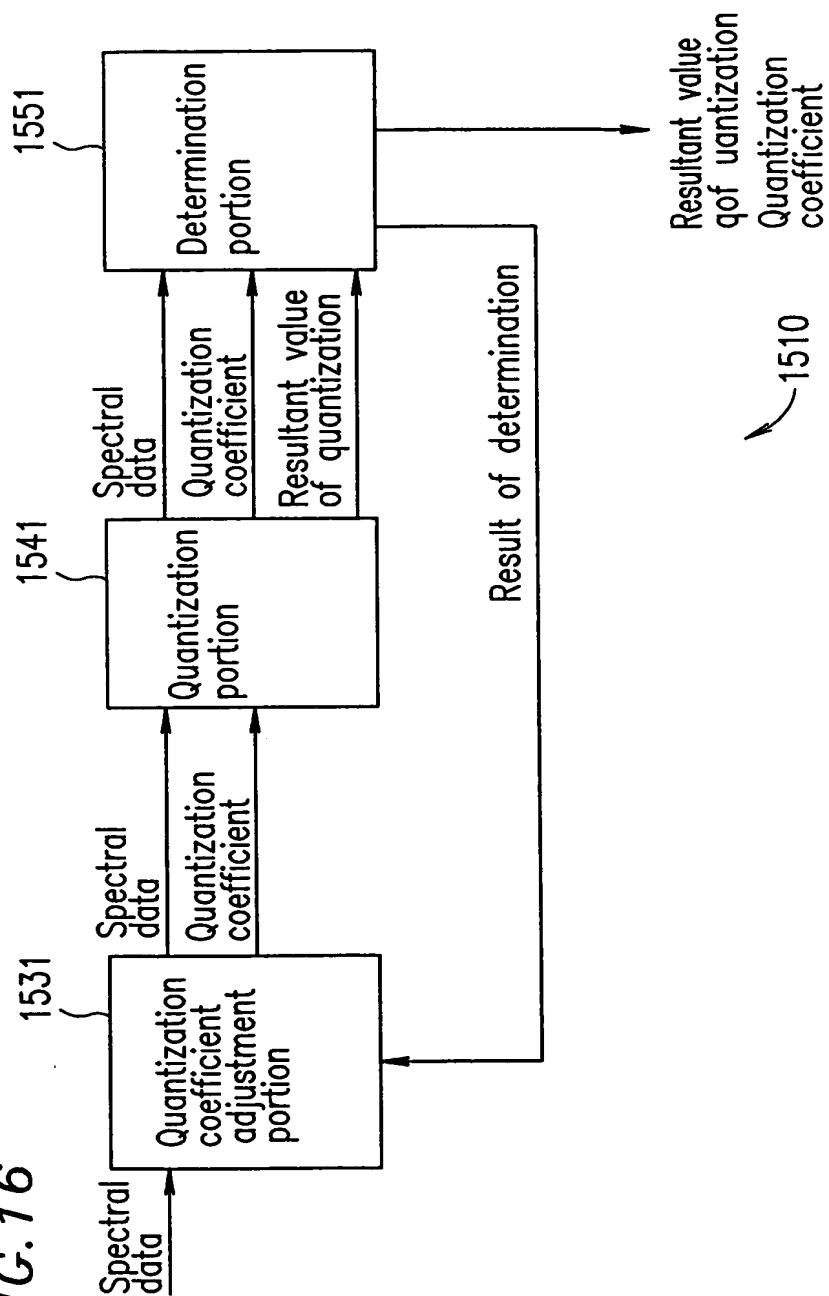


FIG. 17

